

PATENT

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Title: METHOD AND SYSTEM FOR COMMUNICATING WITH IDENTIFICATION TAGS

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

This paper is responsive to the Non-Final Office Action dated June 15, 2006.

**Listing of the Claims** begins at page 2 of this paper;

**Remarks** begin at page 9 of this paper.

Please charge any fees due to our Deposit Account No. 50-0463.

This listing of the claims will replace all prior versions, and listings of claims in the application. Applicant has submitted a new complete claim set showing any marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

### Listing of the Claims

1. (Currently amended) A computer program product comprising a computer readable medium and computer program instructions stored on the computer readable medium, wherein the computer program instructions, when executed by a reader system, direct the reader system to perform a method for communicating with a radio frequency identification tag, the method comprising:

(a) sending an identification query to a radio frequency identification tag;

(b) assigning a guest identification to the radio frequency identification tag, the guest identification forming at least a portion of a tag routing address;

(c) sending the guest identification and at least a portion of a reader system routing address to a home agent of the radio frequency identification tag;

(d) receiving a message addressed to a~~the~~ tag routing address of the radio frequency identification tag, the tag routing address being compliant with a standard network protocol; and

~~(e)~~(e) sending a response to the message.

2. (original) The computer program product of claim 1, further comprising sending the message to the radio frequency identification tag.

3. (original) The computer program product of claim 2, further comprising transcoding the message before sending the message to the radio frequency identification tag.

4. (original) The computer program product of claim 2, further comprising receiving a response from the radio frequency identification tag in reply to the message.
5. (original) The computer program product of claim 4, further comprising transcoding the response before sending the response to the message.
6. (original) The computer program product of claim 1, wherein the tag routing address is a care-of-address.
- 7-8. (Canceled)
9. (Currently amended) The computer program product of claim ~~8~~1, wherein sending the guest identification includes sending a plurality of guest identifications as a batch to the home agent.
10. (Currently amended) The computer program product of claim ~~7~~1, wherein the guest identification is compliant with an interface identification field of an Internet Protocol address.
11. (original) The computer program product of claim 1, further comprising receiving identification data from the radio frequency identification tag, wherein the identification data includes a first data element comprising a global routing prefix of an Internet Protocol address and a second data element comprising an asset identifier.
12. (original) The computer program product of claim 1, further comprising reading the message addressed to the tag routing address, and performing the instructions contained within the message.

13. (original) A method of asset management comprising:
  - (a) sending an identification query to an asset identification tag;
  - (b) receiving identification data from the asset identification tag;
  - (c) assigning a guest identification to the asset identification tag, the guest identification being compliant with at least a portion of a care-of-address;
  - (d) based on the identification data, determining a uniform resource locator for an asset lookup service; and
  - (e) based on the determined uniform resource locator, sending at least a portion of the received identification data to the asset lookup service.
14. (original) The method of claim 13, wherein the asset identification tag is a passive radio frequency identification tag.
15. (original) The method of claim 13, wherein the asset identification tag is an active radio frequency identification tag.
16. (original) The method of claim 13, wherein the identification tag is a magnetic strip card.
17. (original) The method of claim 13, wherein the identification tag is an integrated circuit card.
18. (Canceled)
19. (Currently amended) ~~The method of claim 18, further comprising~~ A method of asset management comprising:

- (a) sending an identification query to a radio frequency identification tag;

(b) after sending the identification query, receiving identification data from the radio frequency identification tag;

(c) assigning a guest identification to the radio frequency identification tag, the guest identification being compliant with at least a portion of a standard network protocol address; and

(d) concatenating at least a portion of a reader system routing address with the guest identification to form a tag routing address.

20. (original) The method of claim 19, wherein the portion of the reader system routing address includes a global routing prefix and a site subnet identifier.

21. (original) The method of claim 19, wherein the tag routing address is compliant with a Mobile Internet Protocol.

22. (original) The method of claim 19, further comprising sending the tag routing address to a home agent of the radio frequency identification tag.

23. (original) The method of claim 22, wherein sending the tag routing address includes sending a plurality of tag routing address for a plurality of tags as a batch.

24. (Currently amended) The method of claim ~~1~~819, wherein the identification data includes a first data element comprising a global routing prefix of an Internet Protocol address and a second data element comprising an asset identifier.

25. (Currently amended) The method of claim ~~1~~819, further comprising receiving a message addressed to a tag routing address, ~~wherein the tag routing address comprises the guest identification.~~

26. (original) The method of claim 25, further comprising sending the message to the radio frequency identification tag.
27. (original) The method of claim 26, further comprising transcoding the message before sending the message to the radio frequency identification tag.
28. (original) The method of claim 25, further comprising reading the message addressed to the tag routing address, and performing the instructions contained within the message.
29. (original) The method of claim 25, further comprising receiving a response from the radio frequency identification tag in reply to the message.
30. (Currently amended) An identification tag reader suitable for use with an identification tag, wherein the identification tag is selected from a group consisting of a passive identification tag and an active identification tag consisting essentially of an integrated chip, a battery and an antenna, the identification tag reader having computer executable instructions for performing steps comprising:
- (a) receiving identification data from the identification tag;
  - (b) concatenating at least a portion of a routing address of the identification tag reader with guest identification to form the tag routing address;
  - (c) receiving a message addressed to a tag routing address of the identification tag, the tag routing address being compliant with a standard network protocol; and
  - ~~(e)~~(d) sending a response to the message.
31. (original) The identification tag reader of claim 30, wherein the identification tag is a passive identification tag.

32. (original) The identification tag reader of claim 30, wherein the identification tag is an active identification tag consisting essentially of an integrated chip, a battery and an antenna.

33. (original) The identification tag reader of claim 30, wherein the identification tag is a radio frequency identification tag.

34. (original) The identification tag reader of claim 30, further comprising sending the message to the identification tag.

35. (original) The identification tag reader of claim 30, further comprising assigning a guest identification to the identification tag, the guest identification forming at least a portion of the tag routing address.

36. (original) The identification tag reader of claim 35, further comprising sending the guest identification to a home agent of the identification tag.

37. (original) The identification tag reader of claim 30, further comprising reading the message addressed to the tag routing address, and performing the instructions contained within the message.

38. (Canceled).

39. (Currently amended) The identification tag reader of claim ~~38~~30, wherein the portion of the routing address of the identification tag reader includes a global routing prefix and a site subnet identifier.

40. (Currently amended) The identification tag reader of claim ~~38~~30, wherein the tag routing address is compliant with a Mobile Internet Protocol.



**REMARKS**

The Non-final Office Action dated June 15, 2006 has been considered and these remarks are responsive thereto. Claims 1, 9, 10, 19, 24, 25, 30, 39 and 40 have been amended. Claims 7, 8, 18, and 38 have been canceled. No new matter is added. Claims 1-6, 9-17, 19-37, 39 and 40 are pending.

Applicants thank the Examiner for the indication that claims 13-17 are allowable and that claims 8, 9, 19-23, and 38-40 would be allowable if amended to incorporate the features of independent claims. Independent claim 1 has been amended to incorporate the features of claim 8. Independent claim 30 has been amended to incorporate the features of claim 38. Claim 19 has been amended to place the claim in independent form. Claim 18 has been canceled. Claims 2-6, 9-12, 20-29, 31-37, 39, and 40 depend from allowable claims. Therefore, it is respectfully submitted that claims 1-6, 9-17, 19-37, 39 and 40 are allowable over the cited reference.

Claims 1-7, 10-12, 18, and 24-37 were rejected under 35 U.S.C. 102(e) as being anticipated by Jalkanen (U.S. Publication No. 2004/0264441). This rejection is respectfully traversed.

As set forth above, the claims have been amended as suggested by the Examiner. Withdrawal of the rejection is respectfully requested.

**CONCLUSION**

Accordingly, in view of the above remarks it is submitted that the claims are patentably distinct over the prior art and that all the rejections to the claims have been overcome. Reconsideration and reexamination of the above Application is requested. Based on the foregoing, Applicant respectfully requests that the pending claims be allowed, and that a timely Notice of Allowance be issued in this case. If the Examiner believes, after this Response, that the application is not in condition for allowance, the Examiner is requested to call the Applicant's representative at the telephone number listed below.

If this Amendment is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee occasioned by this Response, including an extension fee that is not covered by an enclosed check please charge any deficiency to Deposit Account No. 50-0463.

Respectfully submitted,

Microsoft Corporation

Date: September 12, 2006

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Noemi Tovar